

0570
6/02

OIPE

#3

RAW SEQUENCE LISTING

DATE: 01/03/2002

PATENT APPLICATION: US/09/887,569A

TIME: 15:18:13

Input Set : A:\Sequence

Output Set: N:\CRF3\01032002\I887569A.raw

ENTERED

OK-> 3 <110> APPLICANT: Moloney, Maurice M.
 4 Habibi, Hamid R.
 6 <120> TITLE OF INVENTION: Expression of Somatotropin in Plant Seeds
 8 <130> FILE REFERENCE: 9369-183
 10 <140> CURRENT APPLICATION NUMBER: US 09/887,569A
 11 <141> CURRENT FILING DATE: 2001-12-18
 13 <150> PRIOR APPLICATION NUMBER: US 09/210,843
 14 <151> PRIOR FILING DATE: 1998-12-15
 16 <160> NUMBER OF SEQ ID NOS: 2
 18 <170> SOFTWARE: PatentIn Ver. 2.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1101
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial Sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: synthetic construct
 28 <400> SEQUENCE: 1
 29 atggcgagata cagctagagg aacccatcac gatatcatcg gcagagacca gtacccgatg 60
 30 atggggccgag accgagacca gtaccagatg tccggacgag gatctgacta ctccaagtct 120
 31 aggcagattg cttaaagctgc aactgctgtc acagctggtg gttccctctt tgttctctcc 180
 32 agccttaccc ttgttggaaac tgctcatagct ttgactgttg caacacctct gctcgttatc 240
 33 ttcagcccaa tccttgtccc ggtctcatc acagttgcac tcctcatcac cggttttctt 300
 34 tcctctggag ggtttggcat tgccgctata accgttttct cttggattta caagtacgca 360
 35 acgggagagc acccacaggg atcagacaag ttggacagtg caaggatgaa gttgggaagc 420
 36 aaagctcagg atctgaaaga cagagctcag tactacggac agcaacatac tgggtgggaa 480
 37 catgaccgtg accgtactcg tgggtggccag cacactactc tcgttccacg aggatccgac 540
 38 aaccagcggc tcttcaataa tgcagtcatt cgtgtacaac acctgcacca gctggctgca 600
 39 aaaatgatta acgactttga ggacagcctg ttgcctgagg aacgcagaca gctgagtaaa 660
 40 atcttccctc tgtctttctg caattctgac tacattgagg cgctgctgg aaaagatgaa 720
 41 acacagaaga gctctatgct gaagcttctt cgcactctct ttcacctcat tgagtctctg 780
 42 gagttcccaa gccagtccct gagcggaacc gtctcaaaca gctgaccgt agggaaaccc 840
 43 aaccagctca ctgagaagct ggccgacttg aaaatgggca tcagtgtgct catccaggca 900
 44 tgtctcgatg gtcaaccaa catggatgat aacgactcct tgccgctgcc ttttgaggac 960
 45 ttctacttga ccatggggga gaacaacctc agagagagct ttggtctgct ggcttgcttc 1020
 46 aagaaggaca tgcacaaagt cgagacctac ttgagggttg caaattgcag gagatccctg 1080
 47 gattccaact gcaccctgta g 1101
 49 <210> SEQ ID NO: 2
 50 <211> LENGTH: 366
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: synthetic construct
 58 <400> SEQUENCE: 2
 59 Met Ala Asp Thr Ala Arg Gly Thr His His Asp Ile Ile Gly Arg Asp
 60 1 5 10 15
 62 Gln Tyr Pro Met Met Gly Arg Asp Arg Asp Gln Tyr Gln Met Ser Gly
 63 20 25 30

RAW SEQUENCE LISTING

DATE: 01/03/2002

PATENT APPLICATION: US/09/887,569A

TIME: 15:18:13

Input Set : A:\Sequence

Output Set: N:\CRF3\01032002\I887569A.raw

```

65 Arg Gly Ser Asp Tyr Ser Lys Ser Arg Gln Ile Ala Lys Ala Ala Thr
66          35          40          45
68 Ala Val Thr Ala Gly Gly Ser Leu Leu Val Leu Ser Ser Leu Thr Leu
69          50          55          60
71 Val Gly Thr Val Ile Ala Leu Thr Val Ala Thr Pro Leu Leu Val Ile
72 65          70          75          80
74 Phe Ser Pro Ile Leu Val Pro Ala Leu Ile Thr Val Ala Leu Leu Ile
75          85          90          95
77 Thr Gly Phe Leu Ser Ser Gly Gly Phe Gly Ile Ala Ala Ile Thr Val
78          100          105          110
80 Phe Ser Trp Ile Tyr Lys Tyr Ala Thr Gly Glu His Pro Gln Gly Ser
81          115          120          125
83 Asp Lys Leu Asp Ser Ala Arg Met Lys Leu Gly Ser Lys Ala Gln Asp
84          130          135          140
86 Leu Lys Asp Arg Ala Gln Tyr Tyr Gly Gln Gln His Thr Gly Gly Glu
87 145          150          155          160
89 His Asp Arg Asp Arg Thr Arg Gly Gly Gln His Thr Thr Leu Val Pro
90          165          170          175
92 Arg Gly Ser Asp Asn Gln Arg Leu Phe Asn Asn Ala Val Ile Arg Val
93          180          185          190
95 Gln His Leu His Gln Leu Ala Ala Lys Met Ile Asn Asp Phe Glu Asp
96          195          200          205
98 Ser Leu Leu Pro Glu Glu Arg Arg Gln Leu Ser Lys Ile Phe Pro Leu
99          210          215          220
101 Ser Phe Cys Asn Ser Asp Tyr Ile Glu Ala Pro Ala Gly Lys Asp Glu
102 225          230          235          240
104 Thr Gln Lys Ser Ser Met Leu Lys Leu Leu Arg Ile Ser Phe His Leu
105          245          250          255
107 Ile Glu Ser Trp Glu Phe Pro Ser Gln Ser Leu Ser Gly Thr Val Ser
108          260          265          270
110 Asn Ser Leu Thr Val Gly Asn Pro Asn Gln Leu Thr Glu Lys Leu Ala
111          275          280          285
113 Asp Leu Lys Met Gly Ile Ser Val Leu Ile Gln Ala Cys Leu Asp Gly
114          290          295          300
116 Gln Pro Asn Met Asp Asp Asn Asp Ser Leu Pro Leu Pro Phe Glu Asp
117 305          310          315          320
119 Phe Tyr Leu Thr Met Gly Glu Asn Asn Leu Arg Glu Ser Phe Arg Leu
120          325          330          335
122 Leu Ala Cys Phe Lys Lys Asp Met His Lys Val Glu Thr Tyr Leu Arg
123          340          345          350
125 Val Ala Asn Cys Arg Arg Ser Leu Asp Ser Asn Cys Thr Leu
126          355          360          365

```

VERIFICATION SUMMARY

DATE: 01/03/2002

PATENT APPLICATION: US/09/887,569A

TIME: 15:18:14

Input Set : A:\Sequence

Output Set: N:\CRF3\01032002\I887569A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date